

WHAT IS CLAIMED IS:

1. A volume hologram transfer foil comprising a substrate, a volume hologram layer formed on the substrate and a heat sensitive adhesive layer formed on the volume hologram layer, wherein the volume hologram layer has a breaking strain at 25°C in a range of 0.5% to 15%, a breaking strain at 120°C in a range of 0.5% to 30%, and the heat sensitive adhesive layer has a breaking strain at 25°C in a range of 0.5% to 15%.
2. The volume hologram transfer foil according to Claim 1, wherein the heat sensitive adhesive layer contains a fine particle.
3. A volume hologram transfer foil comprising a substrate, a volume hologram layer formed on the substrate and a heat sensitive adhesive layer formed on the volume hologram layer, wherein the heat sensitive adhesive layer contains a synthetic resin having heat sensitive adhesiveness and a fine particle having average particle size smaller than the film thickness of the heat sensitive adhesive layer.
4. The volume hologram transfer foil according to Claim 3, wherein the heat sensitive adhesive layer has a film thickness in a range of 1 μm to 11 μm and the fine particle has an average particle size in a range of 0.05 μm to 10 μm .
5. The volume hologram transfer foil according to Claim 3,

wherein the fine particle does not have a heat-cross-linkable group and photo-cross-linkable group.

6. The volume hologram transfer foil according to Claim 3, wherein the volume hologram layer has a breaking strain at 25°C in a range of 0.5% to 15%, a breaking strain at 120°C in a range of 0.5% to 30%, and the heat sensitive adhesive layer has a breaking strain at 25°C in a range of 0.5% to 15%.

7. The volume hologram transfer foil according to Claim 2, wherein the fine particle is an organic fine particle having thermoplasticity and having a glass transition temperature of 120°C or higher.

8. The volume hologram transfer foil according to Claim 3, wherein the fine particle is an organic fine particle having thermoplasticity and having a glass transition temperature of 120°C or higher.

9. The volume hologram transfer foil according to Claim 2, wherein the fine particle is a resin bead pigment.

10. The volume hologram transfer foil according to Claim 3, wherein the fine particle is a resin bead pigment.

11. The volume hologram transfer foil according to Claim 2, wherein the fine particle is a fluorescent fine particle.

12. The volume hologram transfer foil according to Claim 3, wherein the fine particle is a fluorescent fine particle.

13. The volume hologram transfer foil according to Claim 1, wherein a delaminating layer is provided in between the substrate and the volume hologram layer.

14. The volume hologram transfer foil according to Claim 3, wherein a delaminating layer is provided in between the substrate and the volume hologram layer.